

Spin-spin coupling

See also narrower: Nuclear spin-spin coupling

See also related:

Antiferromagnetic exchange
 Ferromagnetic exchange
 Hyperfine coupling
 Quadrupole coupling
 Spin Hamiltonian
 Spin-orbit coupling
 Spin-spin relaxation
 Spin transition

Spin-spin relaxation

See also related:

NMR (nuclear magnetic resonance)
 Quadrupole relaxation
 Spin-spin coupling

Spin splitting

See also related:

Electron spin
 ESR (electron spin resonance)

Spin state

See also narrower: Spin gap

See also related:

Electronic state
 Electron spin
 Nuclear spin
 Singlet state
 Spin
 Spin transition
 Triplet state

Spin susceptibility

See also related:

Magnetic susceptibility
 Paramagnetic susceptibility
 Spin
 Spin transition

Spin transition

See also narrower: Spin reorientation transition

See also related:

Magnetic relaxation
 Magnetic transition
 Spin
 Spin echo
 Spin polarization
 Spin-spin coupling
 Spin state
 Spin susceptibility
 Spin trapping
 Spin wave

Spin trapping

See also related:

Electron spin
 Spin transition

Spinulosin

See 2,5-Cyclohexadiene-1,4-dione, 2,5-dihydroxy-3-methoxy-6-methyl- [85-23-4]

Spinulosin hydrate

See 2-Cyclohexene-1,4-dione, 3,5,6-trihydroxy-2-methoxy-5-methyl- [28068-28-2]

Spinulosin quinol hydrate

See 2-Cyclohexen-1-one, 3,4,5,6-tetrahydroxy-2-methoxy-5-methyl- [28148-63-2]

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See Poly[(2,2,6,6-tetramethyl-4-piperidinyl)imino]-1,2-ethanediyl[(2,2,6,6-tetramethyl-4-piperidinyl)imino]-1,6-hexanediyl [88003-10-5]

Spin valves

See also related:

Electron spin
 Giant magnetoresistance

Spin wave

See also narrower:

Magnon

See also related:

Antiferromagnetism
 Electron spin
 Ferromagnetism
 Magnetic excitations
 Magnetization
 Spin transition

Spin wave and Magnon

See Spin wave

Spiny dogfishSee *Squalus acanthias***Spiny lobster**See *Palinuridae***Spion**See Meson, π [12587-68-7], spinning**Spiroperone**

See 1,3,8-Triazaspiro[4.5]decan-4-one, 8-[4-(4-fluorophenyl)-4-oxobutyl]-1-phenyl- [749-02-0]

Spiracine

See 7H-[1,5,10]Trioxacyclotetradecino[7,8,9-gh]-pyrrolizine-2,5,9(8H)-trione, 3,4,11,13,15,16,16a,16b-octahydro-3,4,8-trihydroxy-3-(1-hydroxy-1-methylpropyl)-7-methyl-8-(1-methylethyl)-, (16aR,16bR)- [77156-24-2]

Spiradine A

See Hetisan-11-one, 6-hydroxy- [19741-46-9]

Spiradine B

See Hetisan-6,11-diol [19741-51-6]

Spiradine C

See Hetisan-6,11-diol, 11-acetate [19741-52-7]

Spiradine D (conjugate acid)

See 1H,8H,9H-8a,11-Ethano-7,9,12b-methenodibenz[cd,f]oxazolol[3,2-a]indolium, dodecahydro-7a-hydroxy-3a-methyl-14-methylene-, (3aR,3bR,7R,7aR,8aR,9S,11R,12aR,12bR,12cS,13S)- [60409-56-5]

Spiradine D (neutral)

See 5H,9H-9,12-Methano-11a,4,7a-[1]propanyl[3]-ylideneindeno[1,2-g]oxazolol[3,2-a]indolium, dodecahydro-4-methyl-10-methylene-, (3aR,4aR,7aR,7bR,9S,11aS,12S,12aS,17S)- [20071-93-6]

Spiradine D hydrochloride

See 1H,8H,9H-8a,11-Ethano-7,9,12b-methenodibenz[cd,f]oxazolol[3,2-a]indolium,

dodecahydro-7a-hydroxy-3a-methyl-14-methylene-, chloride, (3aR,3bR,7R,7aR,8aR,9S,11R,12aR,12bR,12cS,13S)- [20071-94-7]

Spiradine F

See 12aH,14H-3,14a-Ethano-14,4b,8-ethanylylidene-1H,5H-[2]benzopyranol[4,3-g]oxazolol[3,2-a]azocin-17-ol, decahydro-8-methyl-2-methylene-, acetate (ester), (3S,4aR,4bR,8R,8aR,12aS,14S,14aR,17S,18R)- [21040-64-2]

Spiradine G

See 12aH,14H-3,14a-Ethano-14,4b,8-ethanylylidene-1H,5H-[2]benzopyranol[4,3-g]oxazolol[3,2-a]azocin-17-ol, decahydro-8-methyl-2-methylene-, (3S,4aR,4bR,8R,8aR,12aS,14S,14aR,17S,18R)- [21040-66-4]

Spiradoline

See Benzeneacetamide, 3,4-dichloro-N-methyl-N-[(5R,7S,8S)-7-(1-pyrrolidinyl)-1-oxaspiro[4.5]dec-8-yl]-, rel- [87151-85-7]

Spiraea ulmariaSee *Filipendula ulmaria***Spiraein (Acacia)**See 4H-1-Benzopyran-4-one, 2-[4-(β -D-glucopyranosyloxy)-3-hydroxyphenyl]-3,5,7-trihydroxy- [20229-56-5]**Spiraein (Filipendula)**See Benzaldehyde, 2-[(6-O- β -D-xyloropyranosyl)- β -D-glucopyranosyloxy]- [14907-56-3]**Spiraeoside**See 4H-1-Benzopyran-4-one, 2-[4-(β -D-glucopyranosyloxy)-3-hydroxyphenyl]-3,5,7-trihydroxy- [20229-56-5]**Spirafolide**

See Furo[2,3-g][3]benzoxepin-2(3H)-one, 3a,4,5,5a,10a,10b-hexahydro-5a,10-dimethyl-3-methylene-, (3aS,5aS,10aS,10bS)- [130838-06-1]

Spirajine

See 19,21-Dinorchola-4,11-diene-3,22-dione, 17-hydroxy-20-(methylamino)- [21728-69-8]

Spiral galaxies**Spiraline**

See 7H-[1,5,10]Trioxacyclotetradecino[7,8,9-gh]-pyrrolizine-2,5,9(8H)-trione, 3,4,11,13,15,16,16a,16b-octahydro-3,4,8-trihydroxy-7-methyl-3,8-bis(1-methylethyl)-, (16aR,16bR)- [77156-25-3]

Spiral organ

See Ear, organ of Corti

Spiramactal

See Atis-15-ene-6,18-diol, 7,20:18,20-diepoxy-, 6-acetate, (4a,5b,6f,7a,8a,9f,10a,12a,18R,20S)- [212968-29-1]

Spiramadol

See Atis-16-ene-18,20-diol, 6,7-bis(acetyloxy)-, (4a,5b,6f,7a,8a,9f,10a,12a)- [212968-32-6]

Spiramide

See 1,3,8-Triazaspiro[4.5]decan-4-one, 8-[3-(4-fluorophenyl)propyl]-1-phenyl- [510-74-7]

Spiramilactone

See Atis-16-en-20-ol, 7,15,18-trihydroxy-, 20,18-lactone, (4a,5b,7a,8a,9f,10a,12a,15a)- [176177-60-9]

Spiramilactone BSee Atis-16-en-18-ol, 7,20-epoxy-15,20-dihydroxy-, δ -lactone, (4a,5b,7a,8a,9f,10a,12a,15a,20S)- [180961-65-3]**Spiramilactone C**

See Atis-16-en-18-ol, 7,15,20-trihydroxy-, 18,20-lactone, (4a,5b,7a,8a,9f,10a,12a,15a)- [212968-34-8]

Spiramilactone D

See Atisan-18-ol, 7,15,16,20-tetrahydroxy-, 18,20-lactone, (4a,5b,7a,8a,9f,10a,12a,15a)- [212968-35-9]

Spiramine A

See 12aH,14H-3,14a-Ethano-14,4b,8-ethanylylidene-1H,5H-[2]benzopyranol[4,3-g]oxazolol[3,2-a]azocin-1-ol, decahydro-8-methyl-2-methylene-, acetate (ester), (1S,3S,4aR,4bR,8R,8aR,12aS,14R,14aR,18R)- [114531-28-1]

Spiramine B

See 12aH,14H-3,14a-Ethano-14,4b,8-ethanylylidene-1H,5H-[2]benzopyranol[4,3-g]oxazolol[3,2-a]azocin-1-ol, decahydro-8-methyl-2-methylene-, acetate (ester), (1S,3S,4aR,4bR,8R,8aR,12aS,14R,14aR,18R)- [114485-96-0]

Spiramine C

See 12aH,14H-3,14a-Ethano-14,4b,8-ethanylylidene-1H,5H-[2]benzopyranol[4,3-g]oxazolol[3,2-a]azocin-1-ol, decahydro-8-methyl-2-methylene-, (1S,3S,4aR,4bR,8R,8aR,12aS,14R,14aS,18R)- [114485-97-1]

Spiramine D

See 12aH,14H-3,14a-Ethano-14,4b,8-ethanylylidene-1H,5H-[2]benzopyranol[4,3-g]oxazolol[3,2-a]azocin-1-ol, decahydro-8-methyl-2-methylene-, (1S,3S,4aR,4bR,8R,8aR,12aS,14R,14aS,18R)- [114485-98-2]

Spiramine E

See 5H,8H-2,4a-Ethano-5,9,12a-ethanylylidene-2H-[2]benzopyranol[3,4-b]azocin-7(6aH)-ethanol, 4-(acetyloxy)octahydro-9-methyl-3-methylene-, acetate (ester), (2S,4S,4aR,5R,6aR,9R,12aS,12bR,13R)- [142750-36-5]

Spiramine F

See 5H,8H-2,4a-Ethano-5,9,12a-ethanylylidene-2H-[2]benzopyranol[3,4-b]azocin-7(6aH)-ethanol, 4-(acetyloxy)octahydro-9-methyl-3-methylene-, (2S,4S,4aR,5R,6aR,9R,12aS,12bR,13R)- [142750-37-6]

Spiramine G

See 3H,7H-6a,9-Ethano-4,10b-propanobenz[h]-isoquinolin-7-one, decahydro-6-hydroxy-2-(2-hydroxyethyl)-4-methyl-14-methylene-, (4R,4aR,6R,6aR,9R,10aS,10bS)- [142750-44-5]

Spiramine H

See 3H,7H-6a,9-Ethano-4,10b-propanobenz[h]-

isoquinolin-7-one, decahydro-15-hydroxy-2-(2-hydroxyethyl)-4-methyl-14-methylene-, (4R,4aR,6aR,9R,10aS,10bS,15S)- [142750-45-6]

Spiramine I

See 3H,7H-6a,9-Ethano-4,10b-propanobenz[h]-isoquinolin-7-one, 15-(acetyloxy)decahydro-2-(2-hydroxyethyl)-4-methyl-8-methylene-, (4R,4aR,6aR,9R,10aS,10bS,15S)- [142761-31-7]

Spiramine J

See 2-Propanone, 1-[(3S,4R,4aR,6R,6aR,7S,9S,10aS,10bS)-4,4a,5,6,8,9,10,10a-octahydro-6,7-dihydroxy-4-methyl-8-methylene-3H,7H-6a,9-ethano-4,10b-propanobenz[h]isoquinolin-3-yl]- [137760-58-8]

Spiramine K

See 2-Propanone, 1-[(3R,4R,4aR,6R,6aR,7S,9S,10aS,10bS)-4,4a,5,6,8,9,10,10a-octahydro-6,7-dihydroxy-4-methyl-8-methylene-3H,7H-6a,9-ethano-4,10b-propanobenz[h]isoquinolin-3-yl]- [137760-57-7]

Spiramine L

See 2-Propanone, 1-[(3S,4R,4aR,6R,6aR,7S,9S,10aS,10bS)-7-(acetyloxy)-4,4a,5,6,8,9,10,10a-octahydro-6-hydroxy-4-methyl-8-methylene-3H,7H-6a,9-ethano-4,10b-propanobenz[h]isoquinolin-3-yl]- [137760-58-8]

Spiramine M

See 2-Propanone, 1-[(3S,4R,4aR,6R,6aR,7S,9S,10aS,10bS)-6-(acetyloxy)-4,4a,5,6,8,9,10,10a-octahydro-6-hydroxy-4-methyl-8-methylene-3H,7H-6a,9-ethano-4,10b-propanobenz[h]isoquinolin-3-yl]- [137760-59-9]

Spiramine N

See 1H,7H-6a,9-Ethano-4,10b-propanobenz[h]-isoquinoline-6,7-diol, 3-ethoxy-4,4a,5,6,8,9,10,10a-octahydro-4-methyl-8-methylene-, (3R,4R,4aR,6R,6aR,7S,9S,10aS,10bR)- [137760-60-2]

Spiramine O

See 1H,7H-6a,9-Ethano-4,10b-propanobenz[h]-isoquinoline-6,7-diol, 4,4a,5,6,8,9,10,10a-octahydro-3-methoxy-4-methyl-8-methylene-, (3R,4R,4aR,6R,6aR,7S,9S,10aS,10bR)- [137760-61-3]

Spiraminol

See Atis-16-ene-15,18-diol, 7,20:18,20-diepoxy-, (4a,5b,7a,8a,9f,10a,12a,15a,18S,20S)- [137782-06-0]

Spiramycin

Studies of spiramycins as a class, or of unspecified spiramycins, are indexed this heading. For studies of specific spiramycins, see those specific headings

Spiramycin A

See Leucomycin V, 9-O-[(2R,5S,6R)-5-(dimethylamino)tetrahydro-6-methyl-2H-pyran-2-yl]- [24916-50-5]

Spiramycin B

See Leucomycin V, 9-O-[(2R,5S,6R)-5-(dimethylamino)tetrahydro-6-methyl-2H-pyran-2-yl]-3-acetate [24916-51-6]

Spiramycin C

See Leucomycin V, 9-O-[(2R,5S,6R)-5-(dimethylamino)tetrahydro-6-methyl-2H-pyran-2-yl]-3-propanoate [24916-52-7]

Spiramycin I

See Leucomycin V, 9-O-[(2R,5S,6R)-5-(dimethylamino)tetrahydro-6-methyl-2H-pyran-2-yl]- [24916-50-5]

Spiramycin II

See Leucomycin V, 9-O-[(2R,5S,6R)-5-(dimethylamino)tetrahydro-6-methyl-2H-pyran-2-yl]-3-acetate [24916-51-6]

Spiramycin III

See Leucomycin V, 9-O-[(2R,5S,6R)-5-(dimethylamino)tetrahydro-6-methyl-2H-pyran-2-yl]-3-propanoate [24916-52-7]

Spiramycin S

See Leucomycin V, 18-dideoxy-9-O-(2,6-dideoxy-3-C-methyl-4,5-trimethyl-5-heptyl)-10-methoxy-3,9-dimethyl-1,7-dioxaspiro[5.5]undec-2-yl]-3-methoxy-14-methyl- [150346-24-0]

Spiramycin USee Leucomycin V, 9-O-(2,6-dideoxy-3-C-methyl- α -L-ribo-hexopyranosyl)- [87708-39-2]**Spirangene A**

See 4,6,8,10,12-Heptadecapentaenoic acid, 15-hydroxy-16-[5-hydroxy-8-(2-hydroxy-1,3,5-trimethyl-5-heptyl)-10-methoxy-3,9-dimethyl-1,7-dioxaspiro[5.5]undec-2-yl]-3-methoxy-14-methyl- [150346-24-0]

Spirangene B

See 4,6,8,10,12-Heptadecapentaenoic acid, 15-hydroxy-16-[5-hydroxy-8-(2-hydroxy-1,3,5-trimethyl-5-heptyl)-10-methoxy-3,9-dimethyl-1,7-dioxaspiro[5.5]undec-2-yl]-3-methoxy-14-methyl- [150408-72-1]

Spirangene C

See 4,6,8,10,12-Heptadecapentaenoic acid, 15-hydroxy-16-[5-hydroxy-8-(2-hydroxy-1,3,5-trimethyl-5-octenyl)-10-methoxy-3,9-dimethyl-1,7-dioxaspiro[5.5]undec-2-yl]-3-methoxy-14-methyl- [150346-25-1]

Spirangene D

See 4,6,8,10,12-Heptadecapentaenoic acid, 15-hydroxy-16-[5-hydroxy-8-(2-hydroxy-1,3,5-trimethyl-5-octenyl)-10-methoxy-3,9-dimethyl-1,7-dioxaspiro[5.5]undec-2-yl]-3-methoxy-14-methyl- [150408-72-3]

Spiranone

See 7H-[1,5,10]Trioxacyclotetradecino[7,8,9-gh]-pyrrolizine-2,5,9(8H)-trione, 3,4,11,13,15,16,16a,16b-octahydro-3,4,8-trihydroxy-7-methyl-8-(1-methylethyl)-3-(1-methylpropyl)-, (16aR,16bR)- [77156-23-1]

SpiransaSee 4th,15th-Nitrilo-5H-[1,3,2]diazaphosphorinol[1,